

## § 32.01-1

### Subpart 32.60—Hull Requirements for Tank Vessels Constructed On or After July 1, 1951

- 32.60-1 Scantlings, material, and workmanship—TB/ALL.
- 32.60-5 Subdivision of cargo space—TB/ALL.
- 32.60-10 Segregation of cargo; Grade A, B, C, or D—TB/ALL.
- 32.60-15 Segregation of cargo; Grade E—TB/ALL.
- 32.60-20 Pumprooms on tank vessels carrying Grade A, B, C, D and/or E liquid cargo—TB/ALL.
- 32.60-25 Living quarters—TB/ALL.
- 32.60-30 Tank vessels with independent tanks—TB/ALL.
- 32.60-35 Tank vessels carrying Grade A liquid cargo—TB/ALL.
- 32.60-40 Construction and testing of cargo tanks and bulkheads—TB/ALL.
- 32.60-45 Segregation of spaces containing the emergency source of electric power—TB/ALL.

### Subpart 32.63—Hull and Cargo Tank Requirements for Tank Barges Constructed or Converted On or After July 1, 1964, and Carrying Certain Dangerous Bulk Cargoes

- 32.63-1 Application—B/ALL.
- 32.63-5 Barge hull classifications—B/ALL.
- 32.63-8 Alternative arrangements—B/ALL.
- 32.63-10 Rakes and coamings—B/ALL.
- 32.63-20 Hull structure—B/ALL.
- 32.63-25 Cargo tanks and supports—B/ALL.

### Subpart 32.65—Hull Requirements for Tank Vessels Constructed On or After November 10, 1936, and Prior to July 1, 1951

- 32.65-1 Application—TB/ALL.
- 32.65-5 Scantlings, material, and workmanship—TB/ALL.
- 32.65-10 Subdivision of cargo space—TB/ALL.
- 32.65-15 Cofferdams—TB/ALL.
- 32.65-20 Pumprooms—TB/ALL.
- 32.65-25 Living quarters—TB/ALL.
- 32.65-30 Tank vessels with independent tanks—TB/ALL.
- 32.65-35 Tank vessels carrying Grade A liquids—TB/ALL.
- 32.65-40 Construction and testing of cargo tanks and bulkheads—TB/ALL.

### Subpart 32.70—Hull Requirements for Steel Hull Tank Vessels Constructed Prior to November 10, 1936

- 32.70-1 Application—TB/ALL.
- 32.70-5 Hull requirements; general—TB/ALL.
- 32.70-10 Cofferdams—TB/ALL.
- 32.70-15 Pumprooms—TB/ALL.

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- 32.70-20 Pump-engine compartment—TB/ALL.
- 32.70-25 Cargo tanks—TB/ALL.

### Subpart 32.75—Hull Requirements for Wood Hull Tank Vessels Constructed Prior to November 10, 1936

- 32.75-1 Application—TB/ALL.
- 32.75-5 Hull requirements; general—TB/ALL.
- 32.75-10 Cargo tanks—TB/ALL.
- 32.75-15 Electric bonding and grounding for tanks—TB/ALL.
- 32.75-20 Hold spaces and bulkheads—TB/ALL.

### Subpart 32.80—Tank Barges Constructed of Materials Other Than Steel or Iron

- 32.80-1 General requirements—B/ALL.

### Subpart 32.85—Lamp and Paint Rooms and Similar Compartments on Tankships

- 32.85-1 Fireproofing of lamp, oil and paint rooms—T/ALL.

### Subpart 32.90—Pilot Boarding Equipment

- 32.90-1 Pilot boarding equipment.

AUTHORITY: 46 U.S.C. 2103, 3306, 3703; E.O. 12234, 3 CFR, 1980 Comp., p. 277; 49 CFR 1.46; Section 32.22T-5 and subpart 32.59 are also issued under 46 U.S.C. 3703 note.

SOURCE: CGFR 65-50, 30 FR 16671, Dec. 30, 1965, unless otherwise noted.

## Subpart 32.01—General

### § 32.01-1 Incorporation by reference.

(a) Certain material is incorporated by reference into this part with the approval of the Director of the Federal Register in accordance with 5 U.S.C. 552(a). To enforce any edition other than that specified in paragraph (b) of this section, the Coast Guard must publish notice of change in the FEDERAL REGISTER and make the material available to the public. All approved material is on file at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC and at the U.S. Coast Guard, Office of Design and Engineering Standards (G-MSE), 2100 Second Street SW., Washington, DC 20593-0001 and is available from the sources indicated in paragraph (b) of this section.

(b) The material approved for incorporation by reference in this part and the sections affected are:

## Coast Guard, DOT

## § 32.02-10

### *American Bureau of Shipping (ABS)*

Two World Trade Center, 106th Floor, New York, NY 10048  
Rules for Building and Classing Steel Vessels, 1989.....32.15-15; 32.60-10; 32.65-40

### *American Society for Testing and Materials (ASTM)*

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959  
ASTM F-1273, Standard Specification for Tank Vent Flame Arresters, 1991.....32.20-10

[CGD88-032, 56 FR 35820, July 29, 1991, as amended by CGD 95-072, 60 FR 50461, Sept. 29, 1995; CGD 96-041, 61 FR 50727, Sept. 27, 1996; CGD 97-057, 62 FR 51043, Sept. 30, 1997]

## Subpart 32.02—Safety Requirements

### § 32.02-1 Means of escape—T/ALL.

On all tankships where the plans and arrangements will possibly permit, all passageways leading to living quarters, or places where anyone may be regularly employed, shall be provided with not less than two avenues of escape so located that if one of such avenues is not available another may be. The locality and arrangement of such additional means of escape shall be determined by the inspectors as will in their judgment best carry out the purpose for which this provision was made.

[CGFR 65-50, 30 FR 16671, Dec. 30, 1965. Redesignated by CGD 88-032, 56 FR 35820, July 29, 1991]

### § 32.02-5 Communication between deckhouses—TB/OCLB.

On all tank vessels where the distance between deckhouses is more than 46 meters (150 feet), a fixed means of facilitating communication between both ends of the vessel, such as a raised fore and aft bridge or side tunnels, must be provided. Previously approved arrangements may be retained so long as they are maintained in satisfactory condition to the satisfaction of the Officer in Charge, Marine Inspection.

[CGD 95-027, 61 FR 25997, May 23, 1996]

### § 32.02-10 Rails—TB/ALL.

(a) All tank vessels, except unmanned tank barges, contracted for on or after July 1, 1969, shall have efficient guard rails or bulwarks on decks

and bridges. The height of rails or bulwarks shall be at least 39½ inches from the deck except that where this height would interfere with the normal operation of the vessel, a lesser height may be approved by the Commandant. At exposed peripheries of the freeboard and superstructure decks the rails shall be in at least three courses including the top. The opening below the lowest course shall not be more than 9 inches. The courses shall not be more than 15 inches apart. In the case of ships with rounded gunwales, the guard rail supports shall be placed on the flat of the deck. On other decks and bridges the rails shall be in at least two courses, including the top, approximately evenly spaced. All rails shall consist of solid or tubular sections or chains or wire rope or a combination thereof.

(b) Where it can be shown to the satisfaction of the Commandant that a vessel is engaged exclusively on voyages of a sheltered nature, the provisions of paragraph (a) of this section may be relaxed.

(c) Tank vessels contracted for prior to July 1, 1969, except unmanned tank barges, assigned a deeper load line under part 42 of subchapter E (Load Lines) of this chapter shall have efficient guard rails or bulwarks as required by paragraph (a) of this section. Otherwise, existing rails and bulwarks previously approved will be considered satisfactory so long as they are maintained in good condition. Minor repairs and alterations may be made to the same standards as the original construction.

(d) All tank vessels in ocean and coastwise service, except unmanned tank barges, constructed on or after June 15, 1987, must have suitable storm rails installed in all passageways and at the deckhouse sides on weather decks where persons on board might have normal access. Storm rails must be installed on both sides of passageways which are six feet or more in width. Tank vessels to which this paragraph applies constructed prior to June 15, 1987, may retain previously accepted or approved installations so long as they are maintained in good condition